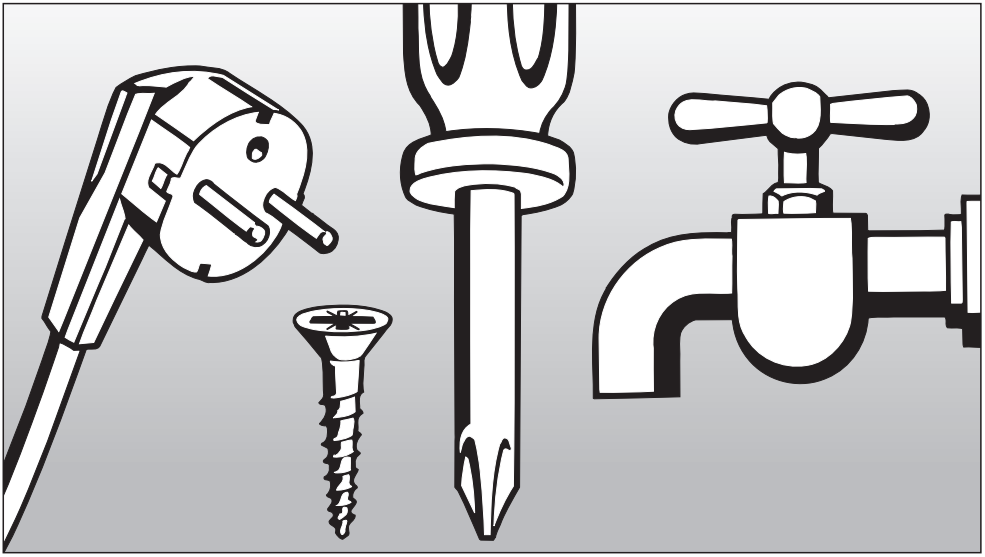


Installation Instructions

DA 5321 W

DA 5381 W

DA 5391 W en-CA

Installation, repair and maintenance work should be performed by a Miele authorized service technician in accordance with national and local safety regulations and the provided installation instructions.

READ AND SAVE THESE INSTRUCTIONS

Keep these instructions in a safe place and pass them on to any future user.

Read these instructions carefully before installing or using the Ventilation System.

▶ This appliance is intended for residential use only. Use the appliance only for its intended purpose.

▶ This appliance complies with current safety requirements. Improper use of the appliance can lead to personal injury and material damage.

⚠CAUTION
For General Ventilating Use Only. Do Not Use To Exhaust Hazardous Or Explosive Materials And Vapors.

▶ This appliance is designed to vent cooking smoke and odors only.

▶ This appliance is suitable for installation above gas or electric cooking surfaces.

▶ This appliance is not designed for maritime use or for use in mobile installations such as recreational vehicles or aircraft. However, under certain conditions installation in these applications may be possible. Please contact your Miele dealer or the Miele Technical Service Department with specific requirements.

⚠WARNING
TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

▶ a) Use this appliance only in the manner intended by the manufacturer. If you have questions, contact Miele.

▶ b) Before servicing or cleaning the appliance, switch power off at the service panel and lock the service disconnecting means to prevent power from being switched on accidentally. If the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

▶ c) Be certain your appliance is properly installed and grounded by a qualified technician.
To guarantee the electrical safety of this appliance, continuity must exist between the appliance and an effective grounding system. It is imperative that this basic safety requirement be met. If there is any doubt, have the electrical system of the house checked by a qualified electrician.

▶ d) Before connecting the appliance to the power supply make sure that the voltage and frequency listed on the data plate correspond with the household electrical supply.
This data must correspond to prevent appliance damage. If in doubt consult a qualified electrician.

▶ e) Installation work and repairs should only be performed by a qualified technician in accordance with all applicable codes and standards. Repairs and other work by unqualified persons could be dangerous.

▶ f) Only open the housing as described in the enclosed "Installation diagram" and in the "Cleaning and care" section of this manual. Under no circumstances should any other parts of the housing be opened. Tampering with electrical connections or components and mechanical parts is highly dangerous to the user and can cause operation faults.

▶ g) Before discarding an old appliance, disconnect it from the power supply and remove the power cord to prevent hazards.

Use

⚠WARNING
TO REDUCE THE RISK OF A COOKTOP GREASE FIRE:

▶ a) Never leave surface units unattended at high settings. Boilovers cause smoking and greasy spillovers may ignite. Heat oils slowly on low or medium settings.

▶ b) Always turn the hood on when cooking at a high heat.

▶ c) Clean the ventilation hood frequently. Grease should not be allowed to accumulate on the fan or filter.

▶ d) Use the proper pan size. Always use cookware appropriate for the size of the cooking area.

▶ e) Do not flambé or grill with an open flame beneath the hood.
Flames could be drawn up into the hood by the suction and the grease filters may catch fire.

⚠WARNING
TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A COOKTOP GREASE FIRE, OBSERVE THE FOLLOWING*:

▶ a) **SMOTHER FLAMES** with a close fitting lid, cookie sheet, or metal tray then turn off the burner.
BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, **EVACUATE AND CALL THE FIRE DEPARTMENT.**

▶ b) **NEVER PICK UP A FLAMING PAN** - You may be burned.

▶ c) **DO NOT USE WATER**, including wet dishcloths or towels - a violent steam explosion will result.

▶ d) Use a fire extinguisher **ONLY** if:

1) You have a class ABC extinguisher, and you know how to operate it.

2) The fire is small and contained in the area where it started.

3) The fire department is being called.

4)You can fight the fire with your back to an exit.

* Based on "Kitchen Firesafety Tips" published by NAFTA

▶ Do not allow children to play with or operate the appliance or its controls. Supervise its use by the elderly or infirm.

▶ Always turn on the hood when using the cooktop to prevent damage from condensation.

▶ Never operate gas burners without cookware. Turn the burner off when not in use. Adjust the burner so that the flames do not extend beneath the cookware. Do not overheat the cookware, e.g. when using a wok. The hood can be damaged due to excessive heat from the burners and the cookware.

▶ Do not use the hood without the grease filters in place.

▶ Do not use a steam cleaner to clean the hood. Steam could penetrate electrical components and cause a short circuit.

Installation

⚠WARNING
TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

▶ a) Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.

▶ b) Sufficient air is needed for combustion and exhausting of gases through the flue (chimney of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA) and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.

▶ c) When cutting or drilling into the wall or ceiling, do not damage electrical wiring and other hidden utilities.

▶ d) Ducted hoods must always be vented to the outdoors.

▶ e) Do not use this hood with any solid-state speed control device.

▶ f) Do not use an extension cord to connect the appliance to electricity. Extension cords do not guarantee the required safety of the appliance, (e.g. danger of overheating).

▶ g) Do not install this hood over cooktops that burn solid fuel.

▶ h) Provided a larger distance is not given by the manufacturer of the cooktop, follow the minimum safety distances between a cooktop and the bottom of the hood given in the "Appliance dimensions" section of this manual.

If local building codes require a greater safety distance, follow their requirement.

If there is more than one appliance beneath the hood and they have different minimum safety distances always select the greater distance.

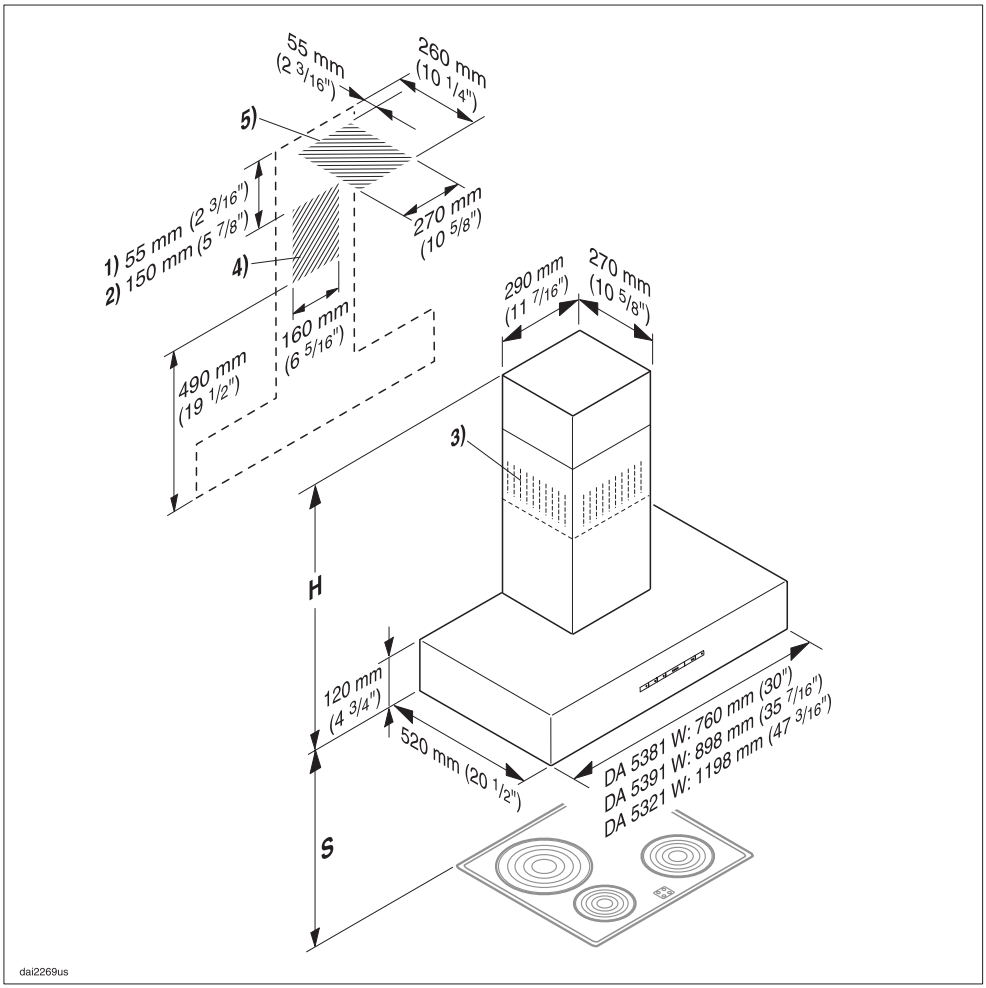
▶ i) Never connect an exhaust hood to an active chimney, dryer vent, vent flue, or room ventilating ductwork.

▶ j) Seek professional advice before connecting an exhaust hood vent to an existing, inactive chimney or vent flue.

▶ k) Any fittings, sealant, or materials used to install the ductwork must be made of approved non-flammable materials.

⚠WARNING
TO REDUCE THE RISK OF FIRE USE ONLY METAL DUCTWORK.

Appliance dimensions



1) Air extraction mode

2) Recirculation mode

3) Air extraction vent installed upwards

4) and 5) Installation area
Wall/ceiling area respectively for vent hole and outlet installation.
For recirculation mode only 4) and only outlet installation.

Vent hole 6" (150 mm) with reducing collar 5" (125 mm).

Cut out area in wall or ceiling for entrance of 6" (150 mm) ductwork or 5" (125 mm) ductwork with a reducing collar.

The installation procedure differs depending on the model and venting method.
Before beginning the installation:

- Read all instructions.
- Determine height (**S**), regarding the user's body height, i.e. a comfortable height for the user.
  However, the greater the distance the less effectively cooking odors are drawn in.
- If the hood is fitted flush to the ceiling, regard the possible unit height when selecting the installation height.

Standard unit height (H):

Air Extraction . . . . . 29 $^{5}/_{16}$" - 41 $^{9}/_{16}$"
. . . . . (745 - 1055 mm)
Recirculation. . . . . 34 $^{7}/_{16}$" - 46 $^{11}/_{16}$"
. . . . . (875 - 1185 mm)

To fit the lower chimney section, the distance between the top of the chimney and the ceiling must be at least $^{7}/_{8}$" (20 mm).

Appliance dimensions

Distance between cooktop and hood (S)

Do not install this exhaust hood over cooktops burning solid fuel.

Provided a larger distance is not given by the manufacturer of the cooktop, follow the minimum safety distances between a cooktop and the bottom of the hood:

	Miele Cooktops	**Non-Miele Cooktops**
Electric Cooktops	24" (610 mm)	
Electric Barbeques and Fryers	26" (660 mm)	
Multiburner Gas cooktops ≤ 43,000 BTU (12.6 KW) and no burner > 15,000 BTU (4.5 KW)	26" (660 mm)	30" (760 mm)
Single burner (Wok) ≤ 20,500 BTU (6 KW)	26" (660 mm)	30" (760 mm)
All other gas cooktops	30" (760 mm)	

– If several gas surfaces are installed under the hood, the total output must be considered when determining the minimum safety distance.

– Be sure to follow the minimum safety distances given by the gas cooktop manufacturer to easily flammable materials e.g. upper cabinets.

– If local building codes require a greater safety distance, follow their requirement.

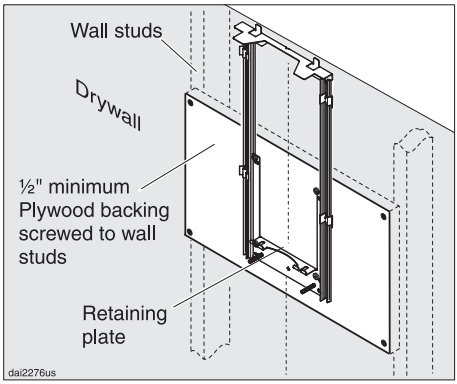
– If there is more than one appliance beneath the hood and they have different minimum safety distances always select the greater distance.

See "Important Safety Instructions" for further information.

The majority of the weight of the installed ventilation system will be supported by the lower retaining plate. It must be firmly attached to the stud framing **behind** the drywall. If studs are not available in the required locations, a plywood backing (min. ½" (13 mm) thick) spanning at least two studs **must** be installed. Failure to adequately support the weight as stated may result in the ventilation system falling off the wall, causing personal injury and property damage.

(If plywood backing is not needed, proceed to the included "Installation diagram".)

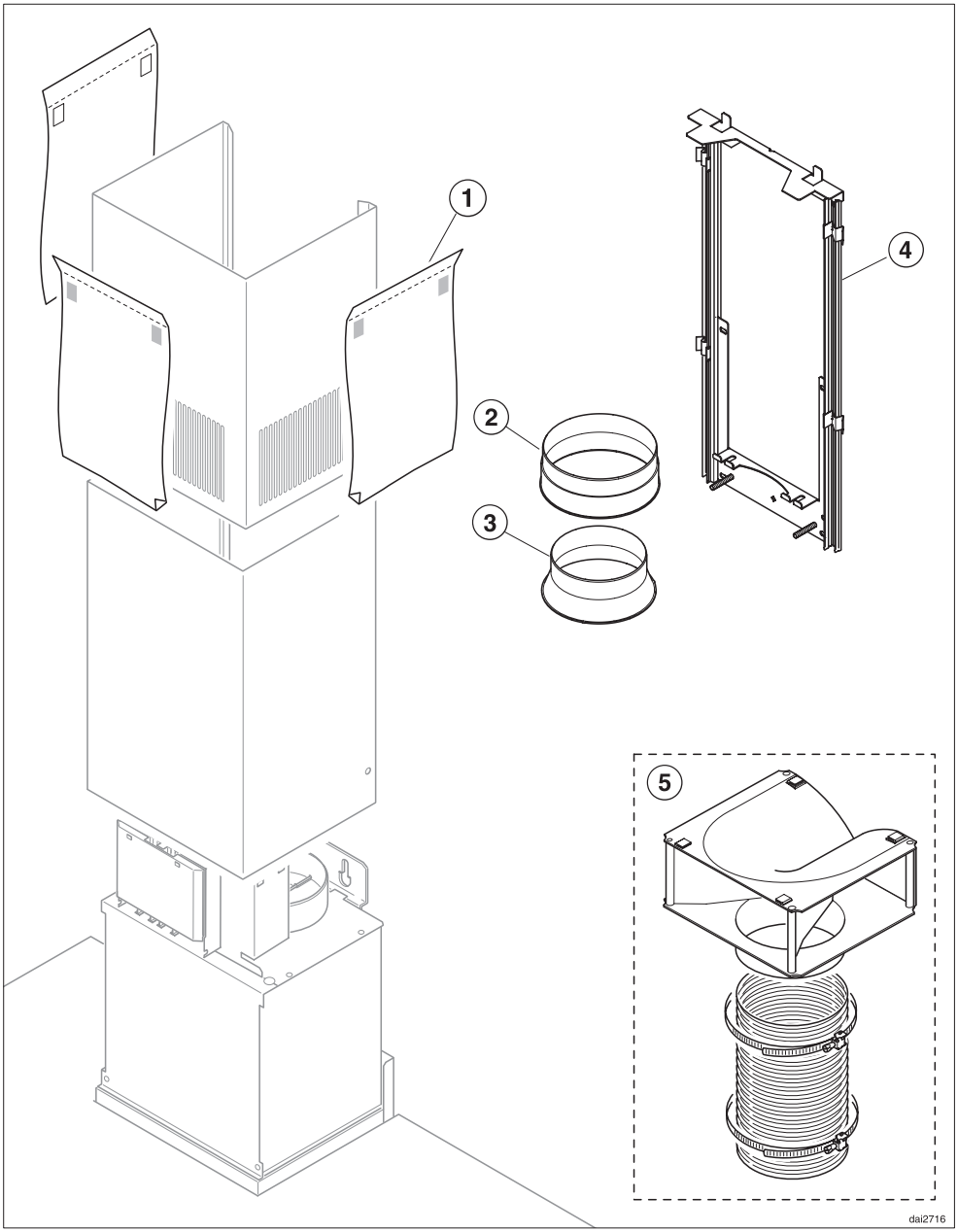
To install a plywood backing



- Determine and mark the location of the retaining plate for the canopy as outlined on the "Installation diagram".
- Make a cutting line 3" (76 mm) above and 3" (76 mm) below the outline of the retaining plate.
- Find the studs to the left and right of the mounting location by tapping the wall or using a stud finder.
- Mark a vertical cutting line along the center of each stud.

⚠ CAUTION
When cutting or drilling into the wall or ceiling, do not damage electrical wiring and other hidden utilities.

- Remove the drywall between the cutting lines and replace it with plywood of a matching thickness (min. ½" (13 mm) thick). Tape the joints and refinish the wall.
- Proceed to the enclosed "Installation diagram" to complete the installation.


1
2
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dai2716

① **3 protective shields** to prevent scratches to the chimney during installation.

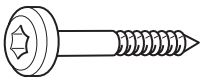
② **1 vent collar**
for use with 6" (150 mm) exhaust ducting

③ **1 reducing collar** for use with 5" (125 mm) exhaust ducting.

④ **Telescopic retaining plate** secures the chimney extension

⑤ **Installation kit for recirculation mode** contains diverter, hose and hose clips (optional accessory)

⚠ CAUTION
To avoid risk of hand or other injury, avoid contact with sharp edges during the assembly and installation process.

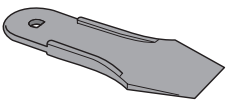


8 large headed screws 5 x 40 mm for securing the retaining plates and the canopy.

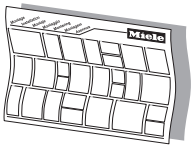
(S8 wall anchors included in the packaging are not for use in USA / CDN.)

2 M 6 locking nuts for securing the motor assembly.

2 screws 3.9 x 7.5 mm for securing the chimney.



1 lever for dismantling the chimney



Installation diagram

Protective film

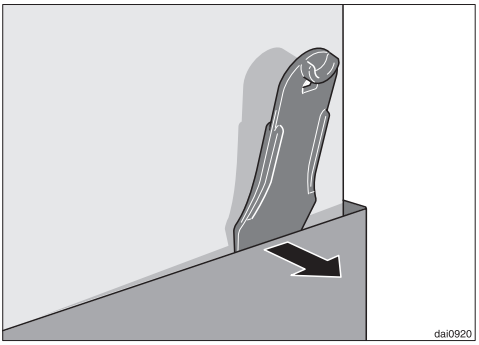
The casing is covered with a protective film to prevent scratching during transport.

- Peel off the film before installing the casing parts.

Dismantling

If the hood needs to be disassembled, follow the instructions on the "Installation diagram" in the reverse order.

A lever is enclosed for easier removal of the chimney extension.



- After removing the screws from the chimney, slide the lever between the chimney and the chimney extension and gently apply pressure to ease the chimney from its hooks.

⚠ WARNING

Danger of toxic fumes.

Gas cooking appliances release carbon monoxide that can be harmful or fatal if inhaled.
To reduce the risk of fire and to properly exhaust air, the exhaust gases extracted by the hood should be vented outside of the building only.

Do not vent exhaust air into spaces within walls or ceilings or in attics, crawl spaces or garages.

To reduce the risk of fire, only use metal ductwork.

Please read and follow the **"IMPORTANT SAFETY INSTRUCTIONS"** to reduce the risk of personal injury. Follow all local building codes when installing the hood.

Exhaust ducting and connections

Use smooth or flexible pipwork made from approved non-flammable materials for exhaust ducting.

To achieve the most efficient air extraction and quietest noise levels, consider the following:

– The diameter of the ductwork should not be less than 6" (150 mm).

– If flat ducting is used, the cross section must not be smaller than the cross section of the ventilation exhaust.

– The ducting should be as short and straight as possible.

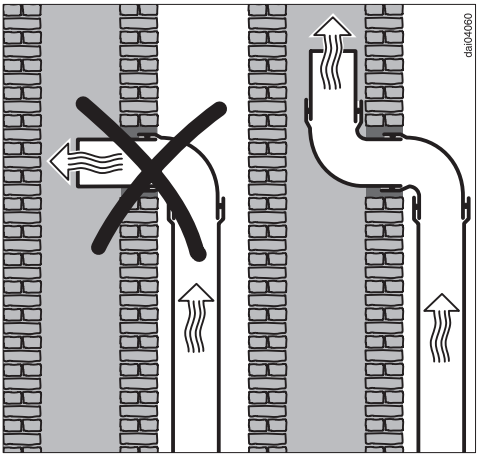
– Use ductwork with a wide raduis.

– The exhaust duct must not be bent or compressed.

– Make sure all connections are secure.

– Where the ductwork is horizontal, it must slope away from the hood at least $^{1}/_{8}$" per foot (1 cm per meter) to prevent condensation dripping into the appliance.

– If the exhaust is ducted through an outside wall, a Telescopic Wall Vent can be used.



– If the exhaust is ducted into an inactive flue, the air must be expelled parallel to the flow direction of the flue.

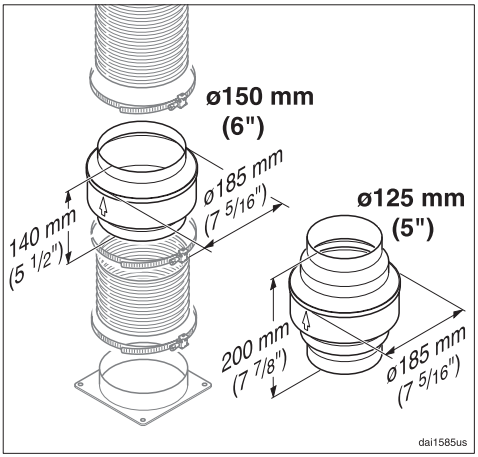
Never connect an exhaust hood to an active chimney, dryer vent, flue, or room venting ductwork. Seek professional advice before connecting an exhaust hood vent to an existing, inactive chimney or vent flue.

Important

If the ductwork runs through rooms, ceilings, garages, etc. where temperature variations exist, it may need to be insulated to reduce condensation.

Condensate trap

optional accessory



In some cases, a condensate trap may also be required to collect and evaporate any condensate which may occur. This optional accessory is available for ducts 5" (125 mm) and 6" (150 mm) in diameter.

■ When installing a condensate trap, ensure that it is positioned vertically and if possible directly above the exhaust outlet.

⚠WARNING
TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

All electrical work should be performed by a qualified electrician in strict accordance with national regulations (for USA: ANSI-NFPA 70) and local safety regulations. Installation, repairs and other work by unqualified persons could be dangerous.
Ensure that power to the appliance is off while installation or repair work is performed.

- Verify that the voltage, load and circuit rating information found on the data plate (located behind the grease filters), match the household electrical supply before installing the hood.
- Use only with ventilation hood cord-connection kits that have been investigated and found acceptable for use with this model hood.

If there is any question concerning the electrical connection of this appliance to your power supply, please consult a licensed electrician or contact Miele's Technical Service Department.

⚠WARNING:
THIS APPLIANCE MUST BE GROUNDED

Grounding Instructions

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing a path of least resistance. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

WARNING - Improper grounding can result in a risk of electric shock.

If there is any doubt, have the electrical system of the house checked by a qualified electrician.

Do not use an extension cord. If the power supply cord is too short, have a qualified electrician install an outlet near the appliance.

Important

The hood comes equipped with a 4 ft (1.2 m) power cord with a NEMA 5-15 molded plug for connection to a 120 VAC, 60 Hz, 15 A power outlet.

Technical data

Maximum load
DA 5381 W / DA 5391 W . . . . . 430 W
DA 5321 W . . . . . 450 W

Overhead lighting
DA 5381 W / DA 5391 W . . . . . 4 x 20 W
DA 5321 W. . . . . 5 x 20 W

Voltage . . . . . 120 V

Frequency . . . . . 60 Hz

Circuit rating. . . . . 15 A

Weight
DA 5381W . . . . . 75 lb (34 kg)
DA 5391W . . . . . 77.2 lb (35 kg)
DA 5321W . . . . . 82.7 lb (37.5 kg)

Please have the model and serial number of your appliance available before contacting Technical Service.

U.S.A.

Miele, Inc.

National Headquarters
9 Independence Way
Princeton, NJ 08540
Phone: 800-843-7231
609-419-9898
Fax: 609-419-4298
www.mieleusa.com

Technical Service & Support Nationwide
Phone: 800-999-1360
Fax: 888-586-8056

TechnicalService@mieleusa.com

Canada

Miele Limited

Headquarters and Showroom
161 Four Valley Drive
Vaughan, ON L4K 4V8
Phone: 800-643-5381
905-660-9936
Fax: 905-532-2290
www.miele.ca
professional@miele.ca
(commercial enquiries)

MieleCare National Service
Phone: 800-565-6435
905-532-2272
Fax: 905-532-2292
customercare@miele.ca
(general and technical enquries)

Germany
Miele & Cie. KG
Carl-Miele-Straße 29
33332 Gütersloh

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